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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	10/750,185	
			Filing Date	December 31, 2003	
			First Named Inventor	Sue K. DeNise	
			Art Unit	1637	
			Examiner Name	Molly E. Baughman	
Sheet	1	of	4	Attorney Docket Number	MMI-0101 (14972.105003)

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	AA	US-6,103,446	08/15/2000		
	AB	US- 2003/0129609 A1	07/10/2003		
	AC	US- 2003/0104424 A1	06/05/2003		
	AD	US- 2003/0190644 A1	10/09/2003		
	AE	US- 6,218,119	04/17/2001		
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	AG	US- 2002/0137139 A1	09/26/2002		
	AH	US- 2002/0137160 A1	09/26/2002		
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	AJ	US- 2002/0107211 A1	08/08/2002		
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		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	AP	WO02/076190 A2	10/03/2002			
	AQ	WO02/09510 A2	07/02/2002			
	AR	WO02/072871 A2	09/19/2002			
	AS	WO01/21801 A1	03/29/2001			
	AT	WO02/40709 A2	05/23/2002			
	AU	WO02/059374 A1	08/01/2002			

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**INFORMATION DISCLOSURE
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Sheet 2 of 4

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U.S. PATENT DOCUMENTS

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		Number - Kind Code ² (if known)			
		US-			
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FOREIGN PATENT DOCUMENTS

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	BA	WO04/013346 A2	02/12/2004			
	BB	WO02/064749 A2	08/22/2002			

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Substitute for form 1449B/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(Use as many sheets as necessary)</p>		Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/750,185</td> </tr> <tr> <td>Filing Date</td> <td>December 31, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Sue K. DeNise</td> </tr> <tr> <td>Art Unit</td> <td>1637</td> </tr> <tr> <td>Examiner Name</td> <td>Molly E. Baughman</td> </tr> <tr> <td>Attorney Docket Number</td> <td>MMI-0101 (14972.105003)</td> </tr> </table>		Application Number	10/750,185	Filing Date	December 31, 2003	First Named Inventor	Sue K. DeNise	Art Unit	1637	Examiner Name	Molly E. Baughman	Attorney Docket Number	MMI-0101 (14972.105003)
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Sheet	3	of	4												

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	ZHANG, H.M., et al., "Rapid Communication: A Novel DNA Polymorphism of the Bovine Calpain Gene Detected by PCR-RFLP Analysis"; J. Anim. Sci. 1996; 74:1441	
	CB	DAVIS, G.P., et al., "The Impact of Genetic Markers on Selection", J. Anim. Sci. 1998, 76:2331-2339	
	CC	DENISE, S.K., et al., "Genetic Parameter Estimates for Postweaning Traits of Beef Cattle in a Stressful Environment", J. Anim. Sci. 1989, 67:2619-2626	
	CD	DU, F.X., et al., "Heterozygosity for Genes Influencing a Quantitative Trait", J. Anim. Sci. 2002, 80:1478-1488	
	CE	UNANIAN, M.M., et al., "Rapid Communication: Polymerase Chain Reaction-Restriction Fragment Length Polymorphism in the Bovine Growth Hormone Gene", J. Anim. Sci. 1994, 72:2203	
	CF	ZHANG, H.M., et al., "Rapid Communication: Polymerase Chain Reaction-Restriction Fragment Length Polymorphism Analysis of the Bovine Somatotropin Gene", J. Anim. Sci. 1993, 71:2276	
	CG	ZHANG, H.M., et al., "Rapid Communication: Diallelic Single-Stranded Conformational Polymorphism Detected in the Bovine Prolactin Gene", J. Anim. Sci. 1994, 72:256	
	CH	AX, R.L., et al. "New developments in managing the bull: Factors Affecting Calf Corp: Biotechnology of Reproduction", CRC Press, 2001.	
	CI	DENISE, S.K., et al., "Genetic Technologies: Factors Affecting Calf Corp: Biotechnology of Reproduction", CRC Press, 2002	
	CJ	DENISE, R.S.K., et al. ""Genetic and environmental aspects of the growth curve parameters in beef cows", J. Anim. Sci. 1985, 61:1431	
	CK	DENISE, R.S.K., et al., "Relationships among postweaning weights and gains of cattle raised under range and gain test environments", J. Anim. Sci. 1987, 64:969	
	CL	DENISE, R.S.K., et al., "Relationships among udder shape, udder capacity, cow longevity and calf weights", J. Anim. Sci. 1987, 65:366	
	CM	TANIDA, H., et al., "Genetic aspects of longevity in Angus and Hereford cows", J. Anim. Sci. 1988, 66:640	

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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	DA	ZHANG, H.M., et al., "Nucleotide sequence determination of a bovine somatotropin allele", An. Genetics., 1992, 23:578	
	DB	LAGZIEL, A., et al., "Geographic and breed distribution of an MspI PCR-RFLP in the bovine growth hormone (bGH) gene", Anim.. Genet. 2000, 31:210-213	
	DC	DENISE, S.K., et al., "The use of genetic markers in dairy and beef cattle improvement: Proc. Southwest Nutr. And Manage", Conf., Tempe, AZ 1993	
	DD	DENISE, S.K., et al., "Genetic screening for disease and production: Proc. Western Canadian Dairy Sem.", Red Deer, Alberta 1993	
	DE	DENISE, S.K., et al., "Incorporation of molecular genetic information into genetic prediction models: Proc. Genetic Prediction Workshop, Beef Improvement Federation", Kansas City, Jan. 1994	
	DF	DENISE, S.K., et al., "Gene mapping, marker-assisted selection, QTLs-Boiling it down to cowboy lingo. Proc. Beef Improvement Federation Annual Meeting", Des Moines, Iowa, June 1994	
	DG	DENISE, S.K., "Biotechnology and Animal Breeding: What can we use today and what does the future hold?" Great Plains Beef Cattle Handbook 1994	

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